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PTO/SB/21 (05-03)

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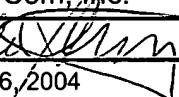
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**TRANSMITTAL
FORM**

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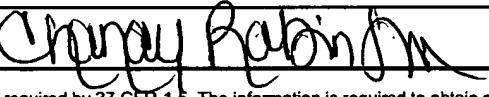
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/054,245	
	Filing Date	January 24, 2002	
	First Named Inventor	Douglas Ross Cardy et al.	
	Art Unit	2645	
	Examiner Name	Allan Hoosain	
Total Number of Pages in This Submission	8+Refs	Attorney Docket Number	CCK94028RE

ENCLOSURES (Check all that apply)			
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): **See Remarks Below	RECEIVED JUN 25 2004 Technology Center 2600
Remarks ** PTO Form-1449 (1 page); 3 References; Copy of PTO-1449 Forms (4 pgs) filed 3/26/03; and Return Postcard			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Eden U. I. Straight, Reg. No. 51,205 WorldCom, Inc.
Signature	
Date	June 16, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Chanay Robinson	
Signature		Date 6/22/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CCK94028RE

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9/10/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Douglas Ross Cardy et al.

Confirmation No.: 3727

Serial No.: 10/054,245

Art Unit: 2645

Filed: January 24, 2002

Examiner: Allan Hoosain

Title: Telecommunications System Having Separate Switch Intelligence and Switch Fabric

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

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JUN 25 2004

Dear Sir:

Technology Center 2600

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly and independently considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The documents cited herein are submitted under 37 C.F.R. § 1.97(e)(2), and are before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, therefore no fee is due.

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

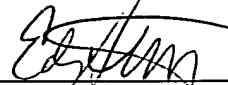
Applicants further request consideration of the PTO-1449 Forms (4 pages) which was previously submitted on March 26, 2003. Applicants request consideration of the documents cited therein and that the Examiner initial each document and return the initialed copies to Applicants. A copy of the PTO-1449 Form is attached herewith for the Examiner's convenience.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that the documents cited in this Information Disclosure Statement be independently considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 13-2491, and please credit any excess fees to such deposit account.

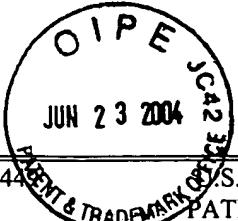
Respectfully submitted,



Eden U.I. Stright
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Date: June 16, 2004

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FORM PTO-144 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. CCK94028RE	SERIAL NO. 10/054,245		
LIST OF DOCUMENTS CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				APPLICANT(S): Douglas Ross Cardy et al.			
				FILING DATE January 24, 2002	GROUP 2645		
U.S. PATENT DOCUMENTS							
* EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS		
		5,724,419	03/1998	Harbuziuk et al.			
		6,690,788	02/2004	Bauer et al.			
		6,704,410	03/20044	McFarlane et al.			
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	TRANSLATION	
							YES
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER				DATE CONSIDERED			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

JUN 23 2004

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FORM PTO-146
(REV. 7-80)U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO. | SERIAL NO.
CCK94028RE | 10/054,245LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S): Cardy et al.

FILING DATE | GROUP
January 24, 2002 | 2645

U. S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	4,201,891	05/1980	Lawrence et al.			RECEIVED
	4,685,125	08/1987	Zave			JUN 25 2004
	4,713,806	12/1987	Oberlander et al.			
	4,747,130	05/1988	Ho			
	4,821,034	04/1989	Anderson et al.			
	4,872,157	10/1989	Hemmady et al.	370	60	Technology Center 2600
	4,893,302	01/1990	Hemmady et al.	370	58	
	5,157,390	10/1992	Yoshie et al.	340	825	
	5,195,085	03/1993	Bertsch et al.			
	5,226,075	07/1993	Funk			
	5,272,749	12/1993	Masek	379	216	
	5,327,486	07/1994	Wolff et al.	379	96	
	5,329,520	07/1994	Richardson	370	16	
	5,390,335	02/1995	Stephan et al.			
	5,418,844	05/1995	Morrisey et al.	379	207	
	5,422,940	06/1995	Endo et al.	379	207	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0559979	09/1993	Europe				
	0812089	12/1997	Europe				
	95/29564	11/1995	PCT				
	96/20448	07/1996	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Elixmann et al., "Open Switching--Extending Control Architectures to Facilitate Applications," International Switching Symposium, vol. 2, Apr. 23-28, 1995, Berlin, Germany, pp. 239-243.
	Kabay et al., "The Service Node--An Advanced IN Services Element," BT Technology Journal, vol. 13, No. 2, Apr. 1995, Ipswich, Great Britain, pp. 64-72.
	Mayer et al., "Service Net-2000: An Intelligent Network Evolution," AT&T Technical Journal, vol. 70, No. 3/4, 1991, Short Hills, USA, pp. 99-110.
	Maruyama, "A Concurrent Object-Oriented Switching Program in Chill," IEEE Communications Magazine, vol. 29, No. 1, Jan. 1991, New York, USA, pp. 60-68.
	Shabana et al., "Intelligent Switch Architecture," Proceedings of the National Communications Forum, vol. 42, No. 2, Sep. 30, 1988, Chicago, USA, pp. 1312-1320.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. CCK94028RE	SERIAL NO. 10/054,245
<p>O 1 LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)</p> <p>JUN 23 2004</p> <p>PTENT & TRADEMARK OFFICE</p>		APPLICANT(S): Cardy et al.	
		FILING DATE January 24, 2002	GROUP 2645

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,455,821	10/1995	Schafer et al.			
	5,475,817	12/1995	Waldo et al.	395	650	
	5,513,127	04/1996	Gard et al.			
	5,530,852	06/1996	Meske, Jr. et al.	395	600	
	5,551,035	08/1996	Arnold et al.	395	650	
	5,583,920	12/1996	Wheeler, Jr.	379	88	
	5,603,085	02/1997	Shedlo			
	5,608,446	03/1997	Carr et al.	348	6	
	5,610,976	03/1997	Uota et al.	379	127	
	5,619,557	04/1997	Van Berkum	379	88	
	5,619,562	04/1997	Maurer et al.	379	201	
	5,661,782	08/1997	Bartholomew et al.	379	67	
	5,664,102	09/1997	Faynberg	395	200	
	5,694,463	12/1994	Christie et al.			JUN 25 2004
	5,712,908	01/1998	Brinkman et al.	379	119	
	5,724,406	03/1998	Juster			Technology Center 2000
	5,748,468	05/1998	Noteboom et al.			
	5,781,624	07/1998	Mitra et al.			
	5,784,617	07/1998	Greenstein et al.	395	674	
	5,787,160	07/1998	Chaney et al.			
	5,818,921	10/1998	Vander Meiden et al.			
	5,825,869	10/1998	Brooks et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.	
				CCK94028RE	10/054,245	
		LIST OF DOCUMENTS CITED BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT(S): Cardy et al.		
		JUN 23 2004 175 JCA PATENT & TRADEMARK OFFICE		FILING DATE	GROUP	
				January 24, 2002	2645	
U.S. PATENT DOCUMENTS						
* EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
		5,826,268	10/1998	Shaefer et al.		
		5,838,970	11/1998	Thomas		
		5,848,143	12/1998	Andrews et al.		
		5,881,134	03/1999	Foster		
		5,915,008	06/1999	Dulman		
		5,940,616	08/1999	Wang		
		5,958,016	09/1999	Chang et al.		JUN 25 2004
		5,966,434	10/1999	Schafer		
		6,018,567	01/2000	Dulman		
		6,035,028	03/2000	Ward et al.		
		6,041,109	03/2000	Cardy et al.		
		6,041,117	03/2000	Androski	379/201	
		6,049,545	04/2000	Stephenson et al.		
		6,098,094	08/2000	Barnhouse, et al.	709/203	
		6,134,433	10/2000	Joong et al.		
		6,144,647	11/2000	Lopez-Torres		
		6,169,735	01/2001	Allen, Jr. et al.		
		6,175,618	01/2001	Shah et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>						
EXAMINER				DATE CONSIDERED		
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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.	
				RIC97149	09/089,890	
<p>LIST OF DOCUMENTS CITED BY APPLICANT <i>O (Use several sheets if necessary)</i></p> <p><i>JUN 23 2004</i> <i>SC42</i></p>				APPLICANT(S): Kelvin PORTER et al.		
				FILING DATE	GROUP	
				June 4, 1998	2642	
				U.S. PATENT DOCUMENTS		
* EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	6,181,703	01/2001	Christie et al.			
	6,260,067	07/2001	Yao et al.			
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
						NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>						
EXAMINER				DATE CONSIDERED		
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